

Amendments to the Claims

Listing of the Claims

1. (Currently Amended) A method of preventing and/or treating asthma in animals including humans using natural compound Luteolin, said method comprising administering a composition consisting essentially of a therapeutically effective dose of the Luteolin to the animal,

wherein the Luteolin is administered orally, and

wherein the Luteolin is administered in an amount in a range of 0.1 to 10 mg/kg of body weight of the animal.

2. (Previously Presented) A method as claimed in claim 1, wherein the compound Luteolin shows negligible side effects.

3. (Cancelled)

4. (Previously Presented) A method as claimed in claim 1, wherein the method prevents development of asthmatic features comprising Early Airway Response (EAR) and Late Airway Response (LAR).

5. (Original) A method as claimed in claim 1, wherein level of IFN-gamma increases to normal level.

6. (Original) A method as claimed in claim 1, wherein level of IL-5 decreases to normal level.

7. (Original) A method as claimed in claim 1, wherein level of IL-4 decreases to normal level.

8. (Original) A method as claimed in claim 1, wherein level of IgE decreases to normal level.

9. (Cancelled)

10. (Previously Presented) A method as claimed in claim 1, wherein Lutcolin is administered in an amount in a range of 1 to 10 mg/kg of body weight of the animal.

11. (Previously Presented) A method as claimed in claim 1, wherein Lutcolin is administered to the animal for a time period in a range of 5 to 10 days.

12. (Previously Presented) A method as claimed in claim 1, wherein the Lutcolin inhibits airway constriction.

13. (Previously Presented) A method as claimed in claim 1, wherein the Lutcolin inhibits airway hyperactivity.